QoS Options

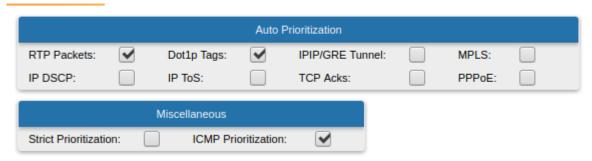


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QoS manager is a convenient and flexible mechanism to manipulate the data streams going through the device. The user can create up to 200 logical QoS channels characterized by different properties (such as priority levels and data transfer rates) and then assign data streams to these logical channels according to special rules of assignment. Packets going through different channels are thus modifying their own properties as well as the properties of their respective data flows.

▼ QoS Options



The following QoS parameters can be selected for traffic prioritization

QoS Parameter	Description
RTP Packets	 Enable/disable automatic prioritization for all RTP traffic, regardless of the source or the destination IP Detect and prioritize the RTP packets (for example, if the packet is recognized as a voice packet, then it gets the priority 2, regardless of the previously assigned priority) Enabled by default
Dot1p Tags	 Enable/disable automatic prioritization for the packets tagged with IEEE 802.1p priority tags Detect and prioritize the packets using 802.1p tags Enabled by default
Tunnel Prioritization	 Enable/disable automatic prioritization for the tunnel traffic Allow prioritization within tunnels
MPLS	Enable/disable automatic prioritization for the packets tagged with MPLS priority tags
IP DSCP	Enable/disable automatic prioritization for the packets tagged with DiffServ priority tags
IP ToS	 Enable/disable automatic prioritization for the packets with a non-zero "ToS" field Detect and prioritize the packets using IP ToS tags
TCP Acknowledgments	 Enable/disable automatic prioritization for TCP ACK packets Automatically prioritize TCP acknowledgments
PPPOE	Enable/disable automatic prioritization for the PPPoE tunnels traffic

ICMP Prioritization

Table - QoS